

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Docket Number 300622000212	Application Number 09/870,012
		Applicant	Chaitan KHOSLA et al.
		Filing Date May 29, 2001	Group Art Unit 1652
		Mailing Date November 2, 2004	

*O I P E
NOV 6 2004
PATENT & TRADEMARK OFFICE
SEARCHED*

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
KK	1.	11/1985	4,551,433	DeBoer	435	253	
	2.	10/1989	4,874,748	Katz et al.	514	29	
	3.	06/1990	4,935,340	Baltz et al.	435	6	
	4.	11/1991	5,063,155	Cox et al.	435	76	
	5.	03/1992	5,098,837	Beckmann et al.	435	172.3	
	6.	09/1992	5,149,639	Katz et al.	435	76	
	7.	12/1992	5,168,052	Cox et al.	435	72	
	8.	10/1993	5,252,474	Gewain et al.	435	172.3	
	9.	05/1996	5,514,544	Rao et al.	435	6	
	10.	01/1998	5,712,146	Khosla et al.	435	252.35	
	11.	12/1999	6,004,787	Katz et al.	435	183	
	12.	05/2000	6,060,234	Katz et al.	435	4	
	13.	05/2000	6,063,561	Katz et al.	435	4	
	14.	05/2000	6,066,721	Khosla et al.	536	23.1	
	15.	06/2000	6,080,555	Khosla et al.	435	41	
	16.	03/2001	6,200,813	Katz et al.	435	477	
KL	17.	08/2001	6,271,255	Leadlay et al.	514	450	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
KK	18.	08/1997	EP 791655	Europe			
KK	19.	08/1997	EP 791656	Europe			
KK	20.	12/1996	WO 96/40968	WIPO			
KL	21.	01/1998	WO 98/01546	WIPO			

EXAMINER: *Katz et al.*

DATE CONSIDERED: *4/13/05*

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 300622000212	Application Number 09/870,012
				Applicant	Chaitan KHOSLA et al.
				Filing Date May 29, 2001	Group Art Unit 1652
				Mailing Date November 1, 2004	
KK TRADEMARK SEARCHED NOV 04 2004	22.	01/1998	WO 98/01571	WIPO	

OTHER DOCUMENTS*(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
KK	23.	Brown et al., J. Chem. Soc. Chem. Commun. (1995) 15:1517-1518
	24.	Cane et al., J. Antibiotics (1995) 48:647-651
↓	25.	Cortes et al., Science (1995) 268:1487-1489
KK	26.	Dalbie-McFarland et al., Proc. Natl. Acad. Sci. USA (1982) 79:6409
KK	27.	Donadio et al., Industrial Microorganism, Basic and Applied Molecular Genetics, R. H. Baltz, G.D. Hegeman and PIL. Skatrud (eds) (Amer. Soc. Microbiol.), Washington, D.C. (1993) pp. 257-265
	28.	Evans et al., J. Am. Chem. Soc. (1992) 114:9434-9453
	29.	Floss, Tetrahedron (1991) 47(31):6045-6058
	30.	Fu, Biochemistry (1994) 33(31):9321-9326
	31.	Geisselsoder et al., BioTechniques (1987) 5:786
	32.	Gordon et al., Acc. Chem. Res. (1996) 29(3):144-154
	33.	Hamilton et al., J. Bacteriol. (1989) 171:4617
	34.	Hershberger et al. (1989) "Genetics and Molecular Biology of Industrial Microorganisms," Am. Soc. for Microbiol. (Washington, DC) pp. 68-84
	35.	Hopwood et al., Phil. Trans. R. Soc. Lond. B (1989) 324:549-562
	36.	Hutchinson, Bio/Technology (1994) 12:375-380
	37.	Ireland et al., J. Org. Chem. (1980) 45:1868-1880
	38.	Jay et al., J. Biol. Chem. (1984) 259:6311-6317
	39.	Kao et al., J. Am. Chem. Soc. (1994) 116:11612-11613
	40.	Katz et al., Ann. Review Microbiol. (1993) 47:875-912
	41.	Khosla et al., Molec. Microbiol. (1992) 6(12):3237-3249
	42.	Khosla et al., Tibtech (1996) 14:335-341
	43.	Kim et al., J. of Bacteriology (1995) 177(5):1202-1207
	44.	Kunkel, Proc. Natl. Acad. Sci. USA (1985) 82:488
✓	45.	Lambalot et al., J. Antibiotics (1992) 45:1981-1982

EXAMINER:

DATE CONSIDERED:

4/13/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

Docket Number 300622000212

Application Number 09/870,012

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Chaitan KHOSLA et al.

Filing Date May 29, 2001

Group Art Unit 1652

Mailing Date November 2, 2004

HLL

46.	Lehrer et al., J. Immun. Meth. (1991) 137:167-173
47.	Malpartida et al., Nature (1987) 325(6107):818-821
48.	Marsden et al., Science (1998) 279:199-202
49.	Martin et al., J. Am. Chem. Soc. (1997) 119:3193
50.	Masamune et al., J. Am. Chem. Soc. (1975) 97:3512-3513
51.	Masumoto et al., Tetrahedron Lett. (1988) 29:3575
52.	McAlpine et al., The Journal of Antibiotics (1987) 40(8):1115-1122
53.	McDaniel et al., Science (1993) 262:1546-1550
54.	Perun, Drug Action and Drug Resistance in Bacteria, Vol. 1, S. Mitsuhashi (ed.) Univ. Park Press, Baltimore, 1977
55.	Roberts et al., Biochem. Soc. Transactions (1992) 21:32S
56.	Roberts et al., Eur. J. Biochem. (1993) 214:305-311
57.	Robinson, Phil. Trans. R. Soc. Lond. B (1991) 332:107-114
58.	Rohr, Angew. Chem. Int. Ed. Engl. (1995) 34(8):881-886
59.	Ruan et al., J. of Bacteriology (1997) 79(20):6416-6425
60.	Strohl et al., Molecular Microbiology (1992) 6(2):147-152
61.	Strohl et al., Society of Industrial Microbiology (1991) 7:163-174
62.	Toshima et al., J. Am. Chem. Soc. (1995) 117:3717
63.	Tsoi et al., Chemistry & Biology (1995) 2:355-362
64.	Tuan et al., Gene (1990) 90:21
65.	Vedejs et al., J. Am. Chem. Soc. (1987) 109:5437-5446
66.	Vedejs et al., J. Am. Chem. Soc. (1989) 111:8430-8438

EXAMINER:

DATE CONSIDERED:

4/13/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



ALTERNATIVE TO PTO SB/02-9/03-03

Substitute for form 1449/PTO				Complete if Known	
				Application Number	09/870,012
				Filing Date	May 29, 2001
				First Named Inventor	Chaitan KHOSLA
				Art Unit	1652
				Examiner Name	K. KERR
Sheet	1	of	1	Attorney Docket Number	300622000212

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	1.	European Search Report for EP 04 02 3766, mailed on November 2, 2004, 5 pages			
KK	2.	LUO et al., Bioorganic and Medicinal Chemistry (1996) 4(7):995-999			
KK	3.	WATANABE et al., Chemistry and Biology (1996) 3(6):463-469			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Kathleen Kerr</i>	Date Considered	4/17/05
sd-23315			